

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 102506
Location: Lamoille County SO
Calibration Date: 07/02/2013
Certification Date: 07/02/2013
Installation Date: 07/02/2013
RPC Date: 07/02/2016
Supervisor Name: CHRISTIAN T WATSON

Diagnostic Results

VERSIONS
DMT: 2.00
PIC: 2.05
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 49.1°C
Breath Tube = 48.0°C
Digital Sim = 34.1°C

SETTINGS

Lamp Voltage = 1.78 V
Cooler Voltage = 1.77 V
Bias Voltage = 81 V
Chopper Freq = 535 Hz

PUMP INFO

Flow Rate = 4.938 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.5988	0.6008
MIN(V)	0.5972	0.5984

FILTER INFO

Filter	Value	Zero
Filter 1	0.600	true
Filter 2	1.123	true
Filter 3	1.861	true

CALIBRATION CHECK

Xq = 0.087 3.63%

Routine Performance Check Passed

Accuracy and Precision Check

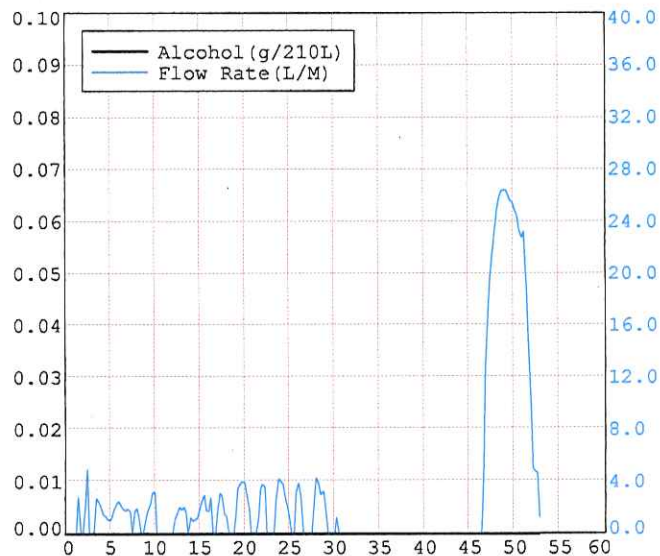
Concentration	= 0.098 g/210L
Lot #	= 16-04-100
Range	= 0.093 - 0.103
Average	= 0.098 g/210L
Std Dev	= 0.0005

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by Chris Watson

Date 07/02/2016

Reviewed by [Signature]

Date 7/5/16

DMT Serial Number #102506

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SETTINGS

Lamp Voltage = 1.78 V
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Bias Voltage = 81 V
Chopper Freq = 537 Hz

PUMP INFO

Flow Rate = 4.934 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.5868	0.5878
MIN(V)	0.5850	0.5862

FILTER INFO

Filter 1	0.587	Zero = true
Filter 2	1.113	Zero = true
Filter 3	1.848	Zero = true

CALIBRATION CHECK

Xq = 0.087 3.73%

Routine Performance Check Failed

Accuracy and Precision Check

Concentration	= 0.098 g/210L
Lot #	= 16-04-100
Range	= 0.093 - 0.103
Average	= 0.099 g/210L
Std Dev	= 0.0000

RF Detection Test

Failed

Performed by

Date 07/02/2016

Reviewed by

Date

RE: June RPC

Christian Watson

Wed 7/20/2016 8:52 AM

To: Driscoll, Rob <Rob.Driscoll@vermont.gov>;

Sorry for the delay Rob, I started the 1st RPC and got called away and I I got back I hit the cancel button instead of testing the RFI

Christian Watson
Patrol Sergeant
Lamoille County Sheriff's Department
[162 Commonwealth Ave](#)
[Hyde Park, VT](#)
802-888-3502
802-279-7875 (Cell)
Christian.Watson@LamoilleSheriff.org

From: Driscoll, Rob [Rob.Driscoll@vermont.gov]
Sent: Tuesday, July 05, 2016 9:11 AM
To: Christian Watson
Subject: June RPC

Christian,

I received your RPC, but noticed a failed attempt. Can you please give me a brief description of why the first RPC failed?

Thanks,
Rob

Robert Driscoll
Vermont Forensic Laboratory
[45 State Drive](#)
[Waterbury, VT 05671](#)
Electronics Technician
[redir.aspx?
REF=F16QUZM6xGn2x8A1m8Salcr0iW_VNIrFTcv_elmM8dypCuOBnLDTCAftYWlsgG86Um9iLkRyaXNjb2xsQFZlcm1
vbnQuZ292]Rob.Driscoll@Vermont.gov
Desk: (802) 241-5817
Cell: (802) 585-0123

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